

Ramsauer GmbH & Co KG
5350 Strobl / Wolfgangsee / AUSTRIA

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

3000

UFI: -

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Relevant uses**

Adhesive for silicones

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet**Company**

Ramsauer GmbH & Co KG
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Address enquiries to**Technical information**office@ramsauer.eu**Safety Data Sheet**sdb@chemiebuero.de**1.4 Emergency telephone number****Advisory body**

Österreich: +43(0) 1 406 43 43 (24h)

Company**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture [REGULATION (GB) CLP]**

Eye Irrit. 2: H319 Causes serious eye irritation.
Skin Irrit. 2: H315 Causes skin irritation.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms**Signal word**

WARNING

Hazard statements

H319 Causes serious eye irritation.
H315 Causes skin irritation.

Precautionary statements

P280 Wear protective gloves / eye protection.
P337+P313 If eye irritation persists: Get medical advice / attention.

Special labelling

Contains: N-[3-(Trimethoxysilyl)propyl]ethylenediamine,
Methyltris(methylethylketoxime)silane, 2-Butanone oxime. EUH208 May produce an allergic reaction.

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2.3 Other hazards

Human health dangers	When the material hardens, 2-butanone oxime is released.
Environmental hazards	Does not contain any PBT or vPvB substances. Contains no ingredients with endocrine-disrupting properties.
Other hazards	Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
1 - <3	Tris(cyclohexylamino)methylsilane
	CAS: 15901-40-3
	GHS/CLP: Skin Corr. 1A: H314 - Eye Dam. 1: H318 - Acute Tox. 4: H302 H312
0,1 - <1	N-[3-(Trimethoxysilyl)propyl]ethylenediamine
	CAS: 1760-24-3
	GHS/CLP: Eye Dam. 1: H318 - Skin Sens. 1: H317 - STOT SE 3: H335 - STOT RE 2: H373
0,1 - <1	Methyltris(methylethylketoxime)silane
	CAS: 22984-54-9
	GHS/CLP: STOT RE 2: H373 - Eye Irrit. 2: H319 - Skin Sens. 1: H317
0,1 - <1	2-Butanone oxime
	CAS: 96-29-7
	GHS/CLP: Acute Tox. 3: H301 - Acute Tox. 4: H312 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - STOT SE 3: H336 - Carc. 1B: H350 - STOT SE 1: H370 - STOT RE 2: H373

Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. For full text of H-statements: see SECTION 16.
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SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice.
Ingestion	Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Dry powder.
Foam.
Water spray jet.
Carbon dioxide.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)
Nitrogen oxides (NOx).

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand, sawdust, general purpose binder, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Keep container tightly closed.
Protect from heat/overheating.
Keep in a cool place. Store in a dry place.

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7.3 Specific end use(s)

See product use, SECTION 1.2

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SECTION 8: Exposure controls / personal protection**8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

Substance
Amorphous Silica
CAS: 112945-52-5
Long-term exposure: 6 mg/m ³ , total inhalable dust

DNEL

Substance
Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3
Industrial, inhalative, Long-term - local effects, 9,3 mg/m ³
Methyltris(methylethylketoxime)silane, CAS: 22984-54-9
Industrial, dermal, Long-term - systemic effects, 0,145 mg/kg bw/d
Industrial, inhalative, Long-term - systemic effects, 1,02 mg/m ³
general population, oral, Long-term - systemic effects, 0,0725 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 0,25 mg/m ³
general population, dermal, Long-term - systemic effects, 0,0725 mg/kg bw/d
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
Industrial, inhalative, Long-term - systemic effects, 260 mg/m ³
Industrial, inhalative, Acute - local effects, 5,36 µg/m ³
Industrial, inhalative, Long-term - local effects, 600 µg/m ³
Industrial, inhalative, Acute - systemic effects, 260 mg/m ³
general population, oral, Long-term - systemic effects, 8 mg/kg bw/day
general population, inhalative, Acute - systemic effects, 50 mg/m ³
general population, inhalative, Long-term - systemic effects, 50 mg/m ³
2-Butanone oxime, CAS: 96-29-7
Industrial, inhalative, Long-term - systemic effects, 28 µg/m ³
Industrial, inhalative, Long-term - local effects, 900 µg/m ³
Industrial, dermal, Long-term - systemic effects, 4 µg/kg bw/day
general population, oral, Long-term - local effects, 1,6 µg/kg bw/day
general population, inhalative, Long-term - systemic effects, 4,82 µg/m ³
general population, inhalative, Long-term - local effects, 430 µg/m ³

PNEC

Substance
Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3
soil, 83 µg/kg soil dw
freshwater, 16 µg/L
seawater, 1,6 µg/L
sewage treatment plants (STP), 3,2 - 8,8 mg/L
sediment (freshwater), 460 µg/kg sediment dw
sediment (seawater), 46 µg/kg sediment dw
Methyltris(methylethylketoxime)silane, CAS: 22984-54-9
seawater, 0,001845 mg/l
sediment (freshwater), 557,543 mg/kg
freshwater, 0,01845 mg/l
sediment (seawater), 55,754 mg/kg

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soil, 65,63 mg/kg
sewage treatment plants (STP), 3,9 mg/l
oral (food), 3,22 mg/kg
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
soil, 8,5 µg/kg soil dw
sewage treatment plants (STP), 25 mg/L
seawater, 6,2 µg/L
freshwater, 62 µg/L
sediment (seawater), 22 µg/kg sediment dw
sediment (freshwater), 220 µg/kg sediment dw
2-Butanone oxime, CAS: 96-29-7
sediment (seawater), 101,17 µg/kg sediment dw
freshwater, 256 µg/L
sewage treatment plants (STP), 177 mg/L
soil, 52,2 µg/kg soil dw
seawater, 25,6 µg/L
sediment (freshwater), 1,012 mg/kg sediment dw

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0,7 mm Butyl rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
Thermal hazards	no
Delimitation and monitoring of the environmental exposition	Protect the environment by applying appropriate control measures to prevent or limit emissions.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	pasty
Color	grey
Odor	odourless
Odour threshold	not determined
pH-value	not applicable
pH-value [1%]	not determined
Boiling point [°C]	not applicable
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	not determined
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	virtually insoluble
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature	not applicable
Decomposition temperature [°C]	not determined
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

See SECTION 10.3.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.
Reactions with damp air.
Reactions with water and acids.

10.4 Conditions to avoid

See SECTION 7

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10.5 Incompatible materials

Water

10.6 Hazardous decomposition products

In the case of heating (150-180°C) following modest (decomposition) products may occur:
Formaldehyde.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Based on available data, the classification criteria are not met.

Product
ATE-mix, oral, > 2000 mg/kg
Substance
Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3
LD50, oral, Rat, 637 mg/kg bw, OECD 401
Methyltris(methylethylketoxime)silane, CAS: 22984-54-9
LD50, oral, Rat, 2463 mg/kg (OECD 401)
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LD50, oral, Rat, 2295 mg/kg bw
2-Butanone oxime, CAS: 96-29-7
ATE, oral, 100 mg/kg bw

Acute dermal toxicity

Based on available data, the classification criteria are not met.

Product
ATE-mix, dermal, > 2000 mg/kg
Substance
Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3
LD50, dermal, Rat, 1594 mg/kg bw, OECD 402
Methyltris(methylethylketoxime)silane, CAS: 22984-54-9
LD50, dermal, Rat, > 2009 mg/kg (OECD 402)
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LD50, dermal, Rabbit, >2000 mg/kg bw
2-Butanone oxime, CAS: 96-29-7
LD50, dermal, Rabbit, >1000 mg/kg bw, OECD 402
ATE, dermal, 1100 mg/kg bw

Acute inhalational toxicity

Based on available data, the classification criteria are not met.

Substance
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LC50, inhalative, Rat, 1,49 -2,44 mg/L, 4h
2-Butanone oxime, CAS: 96-29-7
LC50, inhalative, Rat, 4,83 mg/L air, OECD 403, 4h

Serious eye damage/irritation

Irritant

Substance
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
Rabbit, OECD 405, corrosive
2-Butanone oxime, CAS: 96-29-7
OECD 405, corrosive

Skin corrosion/irritation

Irritant

Substance

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Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3

corrosive, (EEC 84/449 Annex V Method B4),

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.
May produce an allergic reaction.

Substance

Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3

dermal, Guinea pig, OECD 406, non-sensitizing

N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3

dermal, Guinea pig, OECD 406, sensitising

2-Butanone oxime, CAS: 96-29-7

dermal, OECD 406, sensitising

**Specific target organ toxicity —
single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity —
repeated exposure**

Based on available data, the classification criteria are not met.

Substance

N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3

NOAEC, inhalative, Rat, 15 mg/m³, OECD 422

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.

Substance

N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3

Ames-test, negativ

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.

Substance

Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3

NOAEL, Rat, 100 mg/kg bw/day, OECD 422

N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3

NOAEL, oral, Rat, 750 mg/kg bw/day, OECD 422

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.

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SECTION 12: Ecological information

12.1 Toxicity

Substance
Tris(cyclohexylamino)methylsilane, CAS: 15901-40-3
EC50, (96h), fish, 100 mg/L
EC50, (3h), Bacteria, 1 g/L
EC50, (72h), Algae, 2,5 - 29,3 mg/L
EC50, (48h), Crustacea, 36,3 mg/L
Methyltris(methylethylketoxime)silane, CAS: 22984-54-9
LC50, (96h), Pimephales promelas, 972,34 mg/l (OECD 203)
EC50, (72h), Pseudokirchneriella subcapitata, 18,45 mg/l (OECD 201)
EC50, (48h), Daphnia magna, 231,84 mg/l (OECD 202)
N-[3-(Trimethoxysilyl)propyl]ethylenediamine, CAS: 1760-24-3
LC50, (96h), Danio rerio, 597 mg/l (Lit.)
EC50, (16h), Pseudomonas putida, 67 mg/l (Lit.)
EC50, (48h), Daphnia magna, 81 mg/l (Lit.)
IC50, (72h), Algae, 8,8 mg/l (OECD 201)
NOEC, (21d), Daphnia magna, > 1 mg/l (Lit.)
NOEC, (72h), Algae, 3,1 mg/l (OECD 201)
2-Butanone oxime, CAS: 96-29-7
LC50, (96h), fish, >100 mg/L
EC50, (72h), Algae, 11,8 mg/L
EC50, (48h), Invertebrates, 201 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not applicable

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Ecological data of complete product are not available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with national regulations.

Product

For recycling, consult manufacturer.

Disposal in an incineration plant in accordance with the regulations of the local authorities.

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Dispose full / partially emptied cartridges as hazardous waste in accordance with official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

TRANSPORT-REGULATIONS ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.

- Observe employment restrictions for people Observe employment restrictions for young people.

- VOC (2010/75/CE) 0 %

15.2 Chemical safety assessment

not applicable

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SECTION 16: Other information

16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.2 Other information

Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)

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Modified position

SECTION 3 deleted: 1-Methyl-N,N',N''-tris(1-methylpropyl)silane triamine
SECTION 3 been added: 2-Butanone oxime
SECTION 3 been added: Methyltris(methylethylketoxime)silane
SECTION 3 been added: N-[3-(Trimethoxysilyl)propyl]ethylenediamine
SECTION 2 deleted: Tris(cyclohexylamino)methylsilane
SECTION 2 deleted: 1-Methyl-N,N',N''-tris(1-methylpropyl)silane triamine
SECTION 2 deleted: 1,1-Dimethyl-N,N'-bis(1-methylpropyl)silane diamine
SECTION 3 deleted: Toluene
SECTION 3 deleted: 1,1-Dimethyl-N,N'-bis(1-methylpropyl)silane diamine
SECTION 2 deleted: P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.
SECTION 2 been added: P280 Wear protective gloves / eye protection.
SECTION 2 deleted: P280 Wear protective gloves / protective clothing / eye protection / face protection.
SECTION 2 deleted: P501 Dispose of contents/container in accordance with local/national regulation.
SECTION 2 been added: When the material hardens, 2-butanone oxime is released.
SECTION 2 been added: P337+P313 If eye irritation persists: Get medical advice / attention.
SECTION 2 been added: H319 Causes serious eye irritation.
SECTION 2 deleted: P310 Immediately call a POISON CENTER / doctor.
SECTION 2 been added: H315 Causes skin irritation.
SECTION 2 been added: exclamation mark
SECTION 2 deleted: corrosion
SECTION 2 deleted: DANGER
SECTION 2 deleted: H314 Causes severe skin burns and eye damage.
SECTION 2 deleted: Skin Corr. 1
SECTION 2 deleted: Eye Dam. 1
SECTION 2 been added: Eye Irrit. 2
SECTION 2 been added: Skin Irrit. 2
SECTION 2 deleted: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
SECTION 2 been added: WARNING
SECTION 4 deleted: Shield unaffected eye.
SECTION 4 been added: Consult a doctor if skin irritation persists.
SECTION 4 deleted: Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds.
SECTION 4 been added: Allergic reactions
SECTION 4 deleted: Product is caustic.
SECTION 4 deleted: Risk of serious damage to eyes.
SECTION 6 been added: Use personal protective equipment (protective gloves, safety glasses, protective clothing).
SECTION 11 deleted: Based on the available information, the classification criteria are not fulfilled.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 11 been added: Contains no ingredients with endocrine-disrupting properties.
SECTION 11 deleted: Based on the available information, the classification criteria are not fulfilled.
SECTION 11 deleted: This product contains one or more substances of categorie Repr. 2

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(CLP).

SECTION 11 been added: Based on available data, the classification criteria are not met.

SECTION 11 been added: Based on available data, the classification criteria are not met.

SECTION 11 been added: May produce an allergic reaction.

SECTION 11 been added: Based on available data, the classification criteria are not met.

SECTION 11 deleted: Based on the available information, the classification criteria are not fulfilled.

SECTION 11 been added: Irritant

SECTION 11 deleted: Product is caustic.

SECTION 11 been added: Irritant

SECTION 11 deleted: Risk of serious damage to eyes.

SECTION 11 been added: Does not contain a relevant substance that meets the classification criteria.

SECTION 12 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 14 deleted: Amines, liquid, corrosive, n.o.s. (1-Methyl-N,N',N''-tris(1-methylpropyl)silanetriamine, N,N',N''-Tricyclohexyl-1-methylsilanetriamine)

SECTION 14 been added: no dangerous goods

SECTION 14 deleted: Amines, liquid, corrosive, n.o.s. (1-Methyl-N,N',N''-tris(1-methylpropyl)silanetriamine, N,N',N''-Tricyclohexyl-1-methylsilanetriamine)

SECTION 14 been added: not classified as "Dangerous Goods"

SECTION 14 deleted: Amines, liquid, corrosive, n.o.s. (1-Methyl-N,N',N''-tris(1-methylpropyl)silanetriamine, N,N',N''-Tricyclohexyl-1-methylsilanetriamine)

SECTION 14 been added: not classified as "Dangerous Goods"

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